Windows Rugged Tablets

RTC Series
- 12th gen Intel® Core™ i7/ i5 / Celeron® processor
- 8", 10.1", and 11.6" screen size, sunlight readable
- Integrated 1D/2D barcode reader, NFC, RFID, fingerprint for data collection
- Supports 4G, Wi-Fi, Bluetooth, and GNSS
- Rich I/O interfaces, including COM, LAN, USB, HDMI
- Removable high-capacity battery design
- Hot-swappable dual-battery design (RTC-I116 only)
- IP67/IP66 and MIL-STD-810H certified

Android Rugged Tablets

RTC Series
- MediaTek MT6771 Octa-core processor
- 8" and 10.1" screen size, sunlight readable
- Integrated 1D/2D barcode reader, NFC, RFID, fingerprint for data collection
- Supports 4G, Wi-Fi, Bluetooth, and GNSS
- Rich I/O interfaces, including COM, LAN, USB, HDMI
- Removable high-capacity battery design
- IP67 and MIL-STD-810H certified

Applications

Smart Manufacturing

Warehouse and Logistics

Energy

Asset Management

Public Safety

Field Services

DARVEEN

Accessories

Office Docks
- Office docks and battery charging with USB, RJ45, and RS232 ports

Vehicle Docks
- Vehicle docks and battery charging with USB, RJ45, and RS232 ports
- Supports VESA 75x75mm and 100x100mm
- Powered by car battery or cigarette lighter

Straps
- Hand straps and shoulder straps

Power
- Vehicle chargers, adapters, and batteries

Others
- Stylus
- Data cables

＊Darveen provides a full suite of accessories that bring ease of use and management. Please contact us for more details.

Logicbus®   **DARVEEN**

Industrial-Grade Rugged Tablets

- Intel® Core™ / Celeron® or MediaTek CPUs
- Windows and Android OS
- 8" - 11" optional high-brightness touch display
- IP67 and MIL-STD-810H certified

Industrial-Grade Rugged Tablets

Darveen's rugged tablet PCs undergo rigorous testing to ensure unparalleled durability and resilience in extreme conditions. Engineered for enhanced productivity, our rugged tablet computers are versatile, providing optimal performance for the mobile workforce.
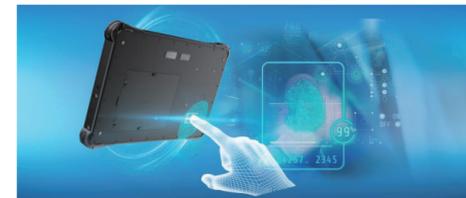
Versatile Options
- Choose from Windows or Android OS, x86/ARM CPU options
- 8", 10.1" or 11.6" screen
- Supports handwriting, glove, stylus, and wet touch

Seamless Wireless Connectivity
- Wi-Fi, Bluetooth, and 5G/4G connectivity
- Ideal for field service applications

Enhanced Data Security
- Fingerprint, smart card, and facial recognition login
- TPM2.0

Rugged Build
- Withstands extreme temps, shocks, vibrations, drops
- IP67/IP66 and MIL-STD-810H shock & vibration proof
- Drop protection up to 1.2 m (4 ft)

High Productivity
- Rich I/O: USB, Type-C, LAN, COM, mini HDMI, aviation plug
- 1D/2D barcode scanning, RFID reading, and fingerprint identification
- Sunlight-readable screen

Long-Lasting Hot-swap Battery
- 10,000 mAh battery for Android series
- Hot-swappable dual batteries for RTC-I116

Product model		RTC-I81	RTC-I101	RTC-M81	RTC-M101
Display	Size	8 inch	10.1 inch	8 inch	10.1 inch
	Touch Type	G+G Capacitive multi-touch screen, gorilla glass, hardness 7h			
	Resolution	1280 x 800	1280 x 800 (1920 x 1200 optional)	1280 x 800	1280 x 800 (1920 x 1200 optional)
	Luminance	700 nits			
	Contrast Ratio	1200: 1			
	View Angles	85 (left), 85 (right), 85 (up), 85 (down)			
	Color	16.7M			
System	CPU	Intel® Celeron® N5100 (Jasper Lake), 4 MB Intel® Smart Cache, up to 2.8 GHz		MTK MT6771, ARM Cortex-A73 Quad-core 2.0 Ghz, ARM Cortex-A53 Quad-core 2.0GHz	
	Memory	4GB LDDR4 (optional 8GB)		4GB LDDR4 (optional 6GB)	
	Storage	64GB SSD (optional 128GB)		64GB EMMC (optional 128GB)	
	Graphics	Intel® UHD Graphics Gen 11 LP		ARM Mail-G72	
	Camera	Front: 5MP fixed-focus camera Rear: 8MP autofocus camera with flash		Front: 5MP fixed-focus camera Rear: 13MP autofocus camera with flash	
	Sensor	G-sensor		Compass, Gyroscope, G-sensor, Light sensor	
Buttons	Buttons	1x Power Key, 1x Volume+, 1x Volume -, 2x Function keys			
I/O Ports	USB	1x USB 3.0 Type A 1x USB 2.0 Type C (supports power charging and data transfer)		1x USB 2.0 Type A 1x USB 2.0 Type C (supports power charging and data transfer)	
	Ethernet	1x RJ45 10/100/1000M		1x RJ45 10/100M	
	Display	1x Mini HDMI			
	Audio	1x 3.5mm audio combo jack			
	SIM Card Slot	1x Micro SIM card slot			
	TF Card Slot	1x TF card slot, up to 256GB			
	Aviation Plug	2x Aviation plug (choose two out of three from USB, RS232 or DC-in)			
	Docking Connector	1x 12-Pin			
Wireless Connectivity	Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac), dual band (2.4G + 5.0G)			
	Cellular	WCDMA: B1/B2/B4/B5/B6/B8/B19 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19 /B20/B25/B26/B28 LTE TDD: B38/B39/B40/B41		GSM: B2/B3/B5/B8, WCDMA: B1/B2/B5/B8 TD-SCDMA:B38/B39/B40/B41, CDMA2000: BC0/BC1 FDD: B1/B3/B5/B8/B20/B28a/B28b or B2/B4/B7/17 TDD: B34/B38/B39/B40/B41	
	Bluetooth	Bluetooth V4.2			
	GNSS	GPS, GLONASS, BeiDou			
Data Collection (Optional)	NFC	13.56MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare			
	RFID	UHF RFID, supports PR9200			
	Barcode Reader	1D, 2D barcode reader			
	Fingerprint	FBI/ISO/GA certification			
Audio	Speaker	8Ω/1W, dual stero speakers			
	MIC	Built-in microphone			
Power	Power Adapter	Input: AC 100-240V 50/60Hz Output: DC PD65W		Input: AC 100-240V 50/60Hz Output: DC 5V 3A	
	Battery	Removable lithium-ion polymer battery, 7.6V 5000mAh		Removable lithium-ion polymer battery, 3.8V 10000mAh	
	Battery Life	6 hours		8 hours	
Operating System	Windows	Windows 10, Windows 11		NA	
	Android	NA		Android 11	
Mechanical	Dimensions (W x D x H)	236.5 x 156 x 23mm (9.31 x 6.14 x 0.91 inches)	280 x 188 x 23mm (11.02 x 7.40 x 0.91 inches)	236.5 x 156 x 23mm (9.31 x 6.14 x 0.91 inches)	280 x 188 x 23mm (11.02 x 7.40 x 0.91 inches)
	Weight (N.W.)	900g (1.98lbs)	1200g (2.65 lbs)	850g (1.87lbs)	1150g (2.54 lbs)
Environment	Operating Temperature	-10 °C to 50 °C (14 to 122°F)			
	Storage Temperature	-20 °C to 60 °C (-4 to 140°F)			
	Relative Humidity	95% @ 40°C (104°F), non-condensing			
	Vibration	MIL-STD-810H: 2022 method 514.8 procedure I			
	Drop	MIL-STD-810H: 2022 method 516.8 procedure IV, 4ft			
	IP Rating	IP67			
Certification	EMC	CE, FCC			

Product model		RTC-I116
Display	Size	11.6-inch
	Touch Type	Capacitive touchscreen, G+G, hardness 7H
	Display Type	16:9 TFT IPS
	Resolution	1920 x 1080
	Luminance	1,000 nits
	Contrast Ratio	1,000:1
	View Angles	85 (left), 85 (right), 85 (up), 85 (down)
	Color	16.7M
System	CPU	Intel® Core™ i5-1235U, 2P-Cores, 8-Cores, 12 threads, 1.3 GHz-4.4 GHz Intel® Core™ i7-1255U, 2P-Cores, 8-Cores, 12 threads, 1.7 GHz-4.7 GHz
	Memory	16 GB LPDDR5 (up to 32 GB, optional)
	Storage	256 GB NVMe PCIe SSD (up to 1 TB, optional)
	Camera	Front: 5MP fixed focus camera Rear: 12MP autofocus camera with flash
	Sensor	G-sensor, Light sensor, Gyroscope
Buttons	Buttons	1x power key, 1x volume+, 1x volume -, 1x Windows key, 4x function keys (P1, P2, P3, P4)
I/O Ports	USB	1x Type-C (supports power charging and data transfer) 2x USB 3.0 Type-A
	Serial	2x COM (1x RS232/422/485, 1x RS232, optional)
	Ethernet	1x RJ45 10/100/1000M
	Display	1x Mini HDMI
	Audio	1x 3.5 mm audio combo jack
	SIM Card Slot	1x Nano SIM card slot
	Docking Connector	1x 24 pin
Wireless Connectivity	Wi-Fi	Wi-Fi 6E 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
	Cellular	WCDMA: B1/B2/B4/B5/B6/B8/B19 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B14/B17/B18/B19/B20/B25/B26/B28/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42 /B43/B48
	Bluetooth	Bluetooth® V5.3
	GNSS	GPS, GLONASS, BeiDou
Data Collection (Optional)	NFC	13.56 MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare, card reading distance: 2 to 5cm
	RFID	UHF RFID, supports PR9200
	Barcode Reader	1D, 2D barcode reader
	Fingerprint	Windows Hello
Audio	Speaker	8Ω/2W, dual stero speakers
	MIC	Dual microphone
Power	Power Adapter	Input: AC 100-240V 50/60Hz 1.5A MAX Output: DC PD65W
	Battery	Dual batteries, hot-swappable, 7.7V 58Whr, with battery indicator, 2x 3800mAh
	Battery Life	6 hours
Operating System	Windows	Windows 10, Windows 11
Mechanical	Dimensions (W x D x H)	315 x 203 x 20 mm (12.40 x 7.99 x 0.79 inches)
	Weight (N.W.)	1550 g (3.42 lbs)
Environment	Operating Temperature	-20 °C to 60 °C (-4 to 140°F)
	Storage Temperature	-30 °C to 70 °C (-22 to 158°F)
	Relative Humidity	95% @ 40°C (104°F), non-condensing
	Vibration	MIL-STD-810H: 2022 method 514.8 procedurel
	Drop	MIL-STD-810H: 2022 method 516.8 procedure IV, 4 ft./1.2 m
	IP Rating	IP66
Certification	EMC	CE, FCC

RTC-I81/I101/M81/M101 port callouts: MIC, Front Camera, Indicator, USB, Audio Jack, Mini HDMI, USB Type-C, Rear Camera, 2D Barcode Reader, Extended Area, RJ45, Aviation Plug x2, Battery, Fingerprint, Function Key, Volume+, Volume-, Power Key, Docking Connector, Speaker

RTC-I116 port callouts: Front Camera+MIC, Indicator, Fingerprint, Rear Camera, Function Key, Volume+, Volume-, Type-C, Mini HDMI, Audio Jack, USB, Power Key, Function Key, Function Key, Windows Key, USB, RJ45, COM (Optional), Speaker, Speaker, Battery, Battery, 2D Barcode Reader, Heat dissipation vent, Kensington Lock, Docking connector